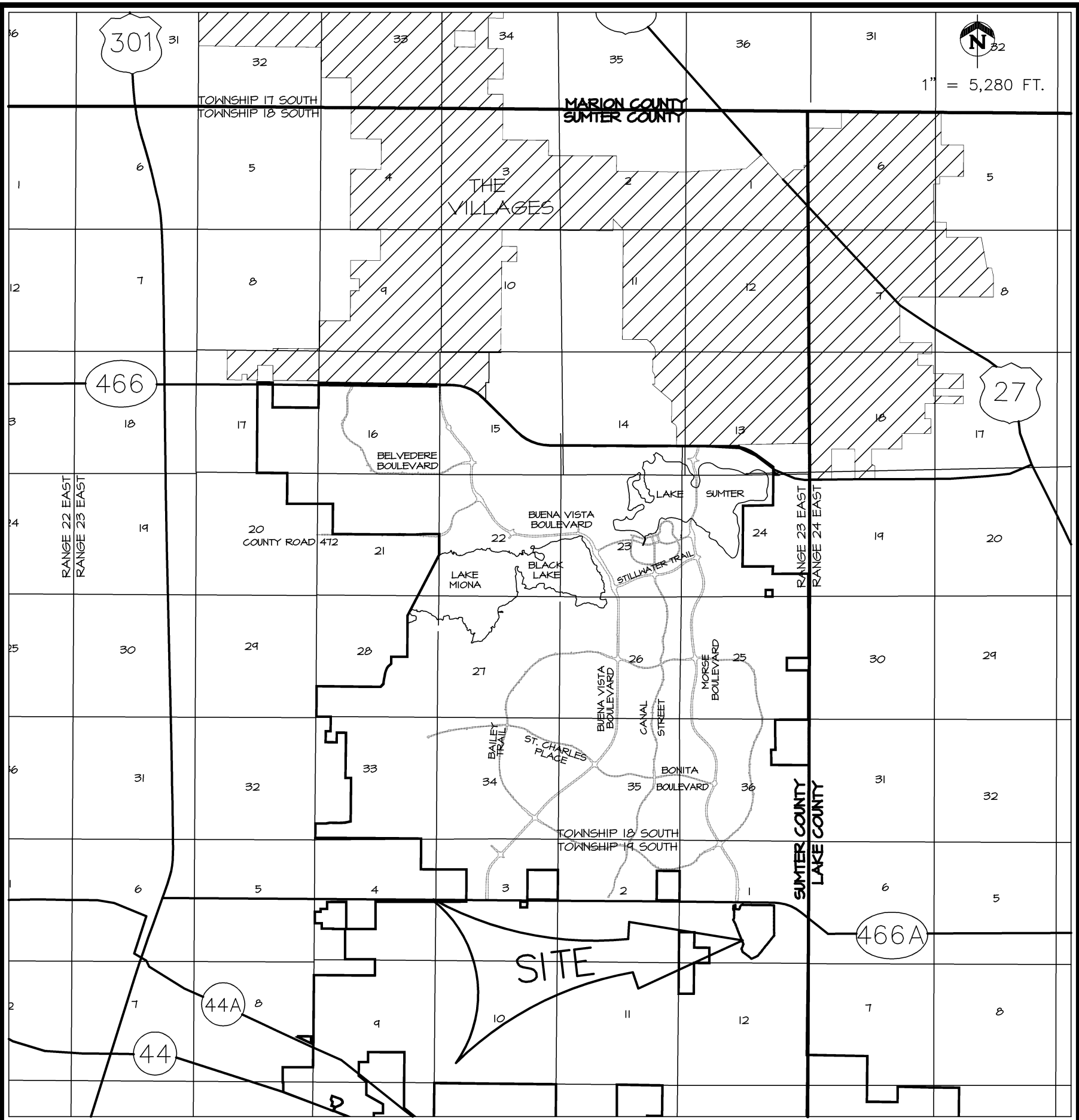


The Villages®

IMPROVEMENT PLANS OF VILLAGES OF SUMTER MORSE BLVD. PHASE 5

LEGAL DESCRIPTION
THAT LAND LYING IN SECTION 1, TOWNSHIP 18 SOUTH, RANGE 23 EAST, SUMTER COUNTY,
FLORIDA, DESCRIBED AS FOLLOWS:

FROM THE SOUTHWEST CORNER OF THE SOUTHEAST 1/4 OF SAID SECTION 1 RUN
S89°41'20"E, ALONG THE SOUTH LINE THEREOF A DISTANCE OF 525.51 FEET; THENCE
DEPARTING SAID SOUTH LINE, N00°12'40"E, 184.18 FEET TO THE POINT OF BEGINNING;
THENCE N52°40'22"W, 500.43 FEET; THENCE N18°51'58"W, 145.05 FEET; THENCE
N23°06'40"E, 219.03 FEET; THENCE N23°12'45"W, 411.58 FEET; THENCE N20°51'32"W, 531.37
FEET; THENCE N28°25'30"W, 212.76 FEET; THENCE N33°48'43"E, 82.73 FEET; THENCE
N00°06'19"E, 303.46 FEET; THENCE N32°13'42"W, 63.98 FEET; THENCE N01°00'44"W, 182.65
FEET; THENCE N68°51'41"E, 97.56 FEET; THENCE S00°18'40"W, 187.40 FEET; THENCE
S89°27'54"E, 173.86 FEET; THENCE N17°13'14"E, 128.06 FEET; THENCE N38°07'25"E, 93.99
FEET; THENCE N82°35'53"E, 58.47 FEET; THENCE S00°33'46"W, 16.23 FEET; THENCE
S89°28'14"E, 1352.61 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE
SOUTHERLY AND HAVING A RADIUS OF 1,185.08 FEET; THENCE EASTERLY, ALONG THE ARC
THEREOF THROUGH A CENTRAL ANGLE OF 00°04'10", A DISTANCE OF 4.76 FEET; THENCE
S00°10'44"E, 1317.04 FEET; THENCE S38°48'13"W, 1,128.22 FEET; THENCE S63°01'34"W, 301.44
FEET TO THE POINT OF BEGINNING.
CONTAINING 71.83 ACRES, MORE OR LESS.



VICINITY MAP

SECTION 1
TOWNSHIP 18 SOUTH; RANGE 23 EAST
SUMTER COUNTY, FLORIDA
THIS DEVELOPMENT CONTAINS
A TOTAL OF 0.41 MILES OF ROAD AND 71.83 ACRES.
DESIGN SPEED 45 M.P.H. (MORSE BLVD.)

OWNER/DEVELOPER:
THE VILLAGES OF LAKE-SUMTER, INC.
990 OLD MILL RUN
THE VILLAGES, FL 32162
JOHN R. GRANT, VICE PRESIDENT

ENGINEER:
FARNER, BARLEY AND
ASSOCIATES, INC.
4450 N.E. 83rd ROAD
WILDWOOD, FLORIDA 34785
LEE CLYMER, P.E.
FLA. LIC. NO. 69780

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3.	MASTER PLAN	
4.	PLAN & PROFILE	
5.	PLAN & PROFILE	
6.	INTERSECTION DETAIL	
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SUBMITTAL	LATEST
DATE	REVISION
	DATE

3-8-10
3-8-10
3-8-10
3-8-10
3-8-10
3-8-10

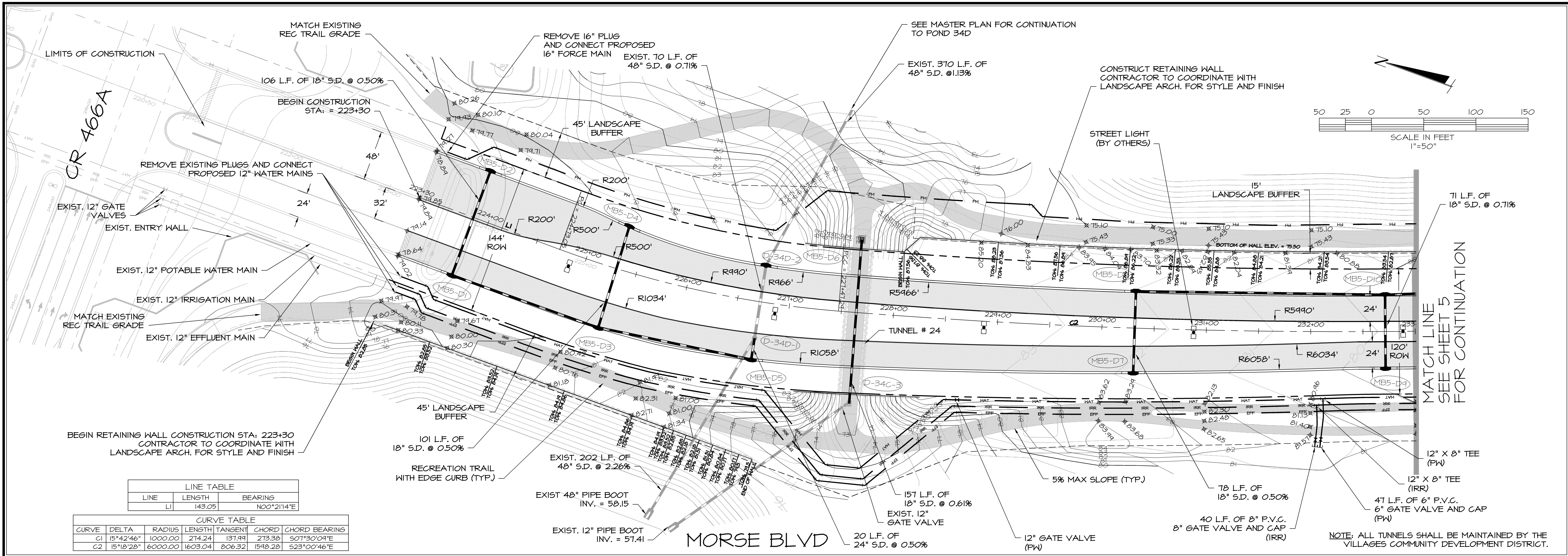
3-8-10
3-8-10
3-8-10
3-8-10

THE STANDARD DETAILS FOR THIS PROJECT SHALL BE FOUND IN
"THE VILLAGES CONSTRUCTION DETAILS MANUAL, DATED MAY 1,
2009", PREPARED BY GRANT & DZURO, OR AS AMENDED BY
THESE PLANS.

NOTE: ELEVATIONS SHOWN WERE OBTAINED BY
AERIAL PHOTO AND ARE BASED ON THE VILLAGES
DATUM. TO OBTAIN N.G.V.D. ADD 3.46 FEET.

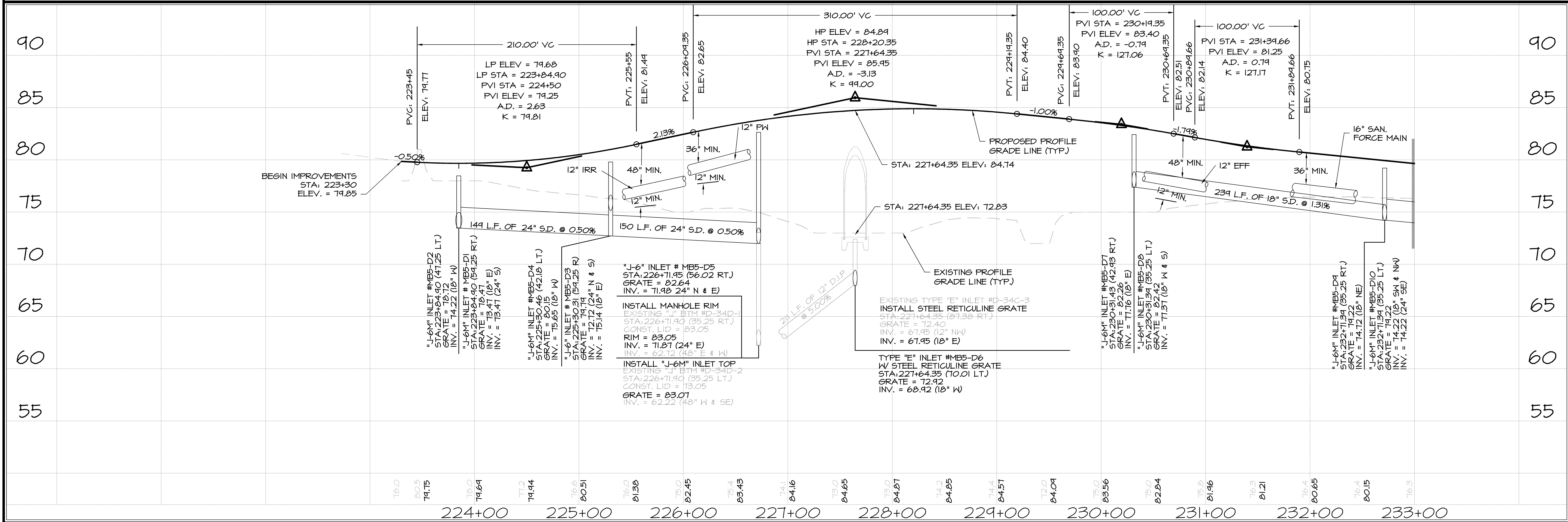
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BARLEY
AND ASSOCIATES, INC.**
Certificate of Authorization Number: 4709
4450 N.E. 83rd Road • Wildwood, Florida 34785 • (352) 748-3126

▲ ENGINEERS
▲ SURVEYORS
▲ PLANNERS



LINE TABLE					
LINE	LENGTH	BEARING			
LI	143.05	N00°21'14"E			

CURVE TABLE					
CURVE	DELTA	RADIUS	LENGTH	TANGENT	CHORD BEARING
C1	15°42'46"	1000.00	214.24	191.99	213.38 S01°30'04"E
C2	15°18'28"	6000.00	1603.04	806.32	1548.28 S23°00'46"E



DATE	BY
DATE	REVISIONS

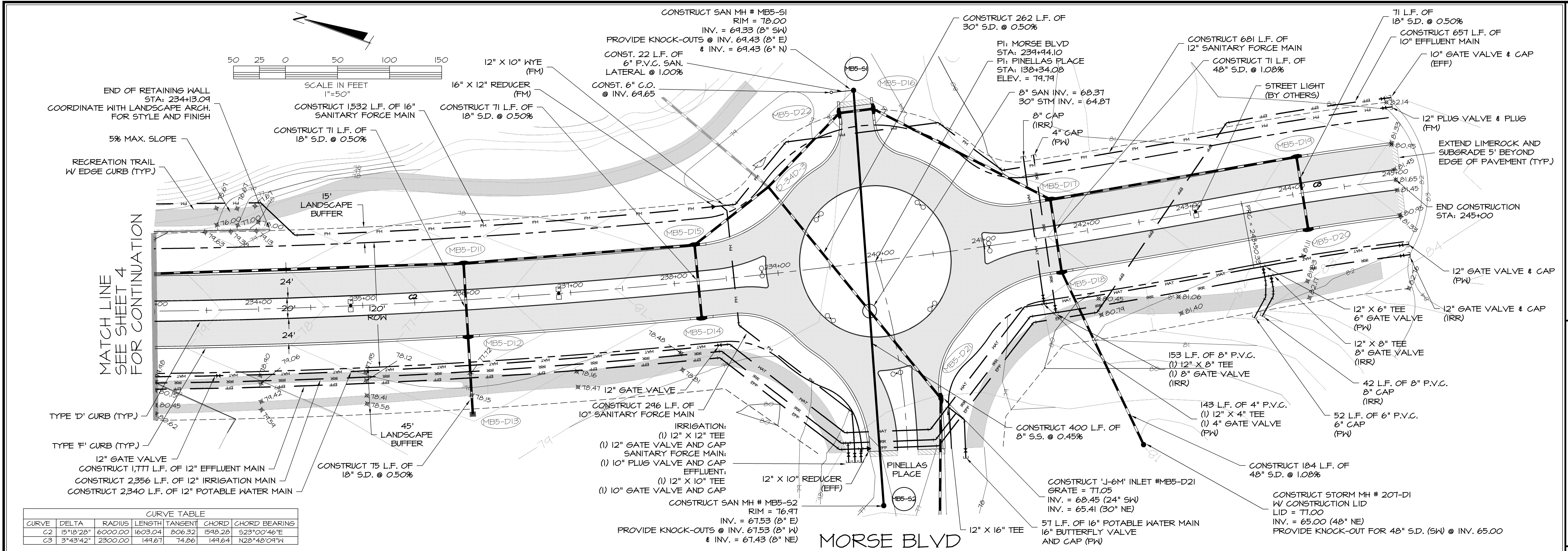
FARNER & BARLEY
ENGINEERS
SURVEYORS
AND ASSOCIATES, INC.
Certificate of Authorization Number: 4709
4450 N.E. 83rd Road • Miami, Florida 33178 • (305) 746-3126

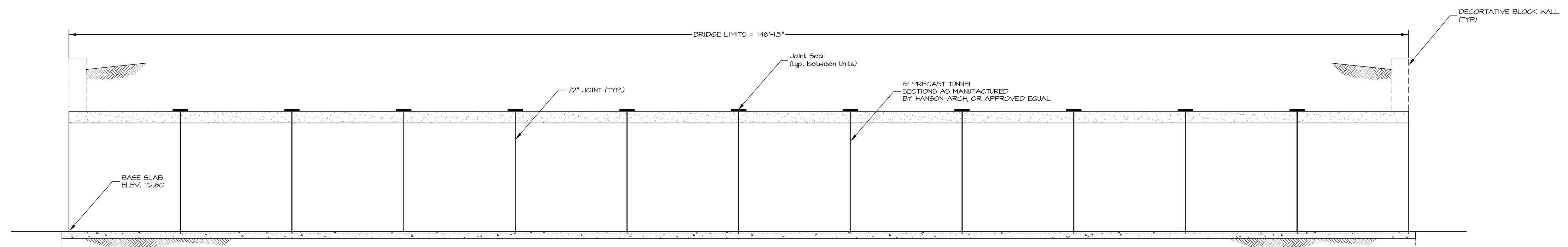
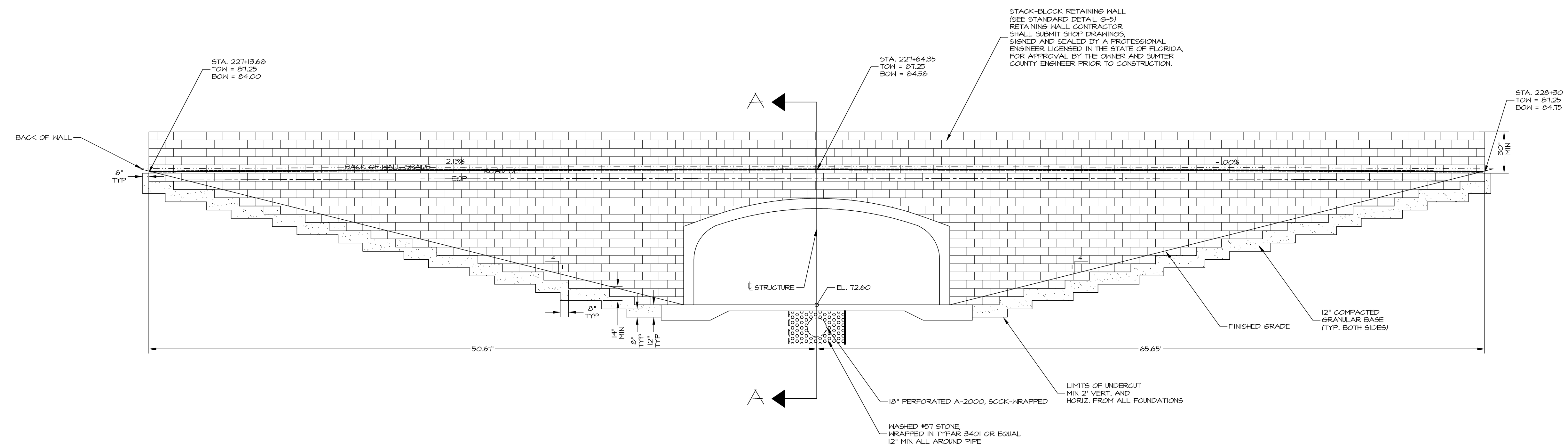
The Villages
VILLAGES OF SUMTER
MORSE BLVD.
PHASE 5
PLAN & PROFILE
MORSE BLVD.

DATE: 01-15-10
DRAWN BY: MJT
CHKD BY: WLC
FILE NAME: PH
JOB NO.: 021141.0457

ENGINEER:
DATE:


SHT. 4 OF 10





NOTE:
TUNNEL SUPPLIER SHALL PROVIDE
TUNNEL DESIGN DRAWINGS SIGNED
AND SEALED BY A STRUCTURAL ENGINEER,
LICENSED IN THE STATE OF FLORIDA FOR
APPROVAL BY OWNER AND THE SUMTER COUNTY
ENGINEER PRIOR TO COMMENCING CONSTRUCTION.

[illegible]

 **FARNER
& BARLEY**
AND ASSOCIATES, INC.
Certificate of Authorization Number: 4709
4450 N.E. 83rd Road • Widesford, Florida 34785 • (352) 748-3126
▲ ENGINEERS
▲ SURVEYORS
▲ PLANNERS

The Villages
VILLAGES OF SUMMIT
MORSE BLVD.
PHASE 5

**TUNNEL #24
DETAILS**

DATE 02-15-10
RAWN BY MJT
HKD BY WLC
FILE NAME TUNE124
JOB NO. 921141.0457

DATE: _____

HT. 9 OF 10



N.T.S.



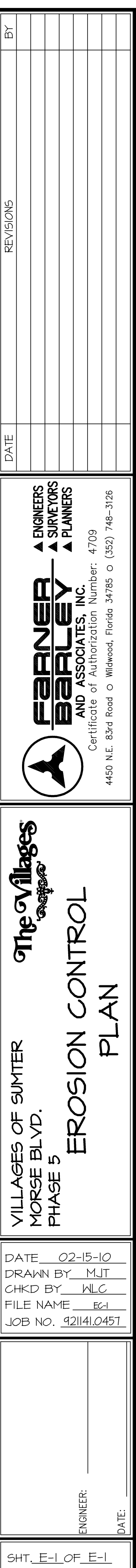
N.T.S.

NOTE:
TUNNEL SUPPLIER SHALL PROVIDE
TUNNEL DESIGN DRAWINGS SIGNED
AND SEALED BY A STRUCTURAL ENGINEER,
LICENSED IN THE STATE OF FLORIDA FOR
APPROVAL BY OWNER AND THE SUMTER COUNTY
ENGINEER PRIOR TO COMMENCING CONSTRUCTION.

E 02-15-10
OWN BY MJT
D BY WLC
NAME TUNEL 24
NO. 921141.0457

DATE: _____

10 OF 10



Drawing name: K:\OCA_TPT\0403\80022.2124-D. 5 S&M\cadd\constr\Morse-Ph5\S-01 Morse 5 Cover.dwg S-1 Mar 03, 2010 10:09am by: paul.soffe

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The Villages®

SIGNING AND MARKING PLANS FOR MORSE BOULEVARD PHASE 5

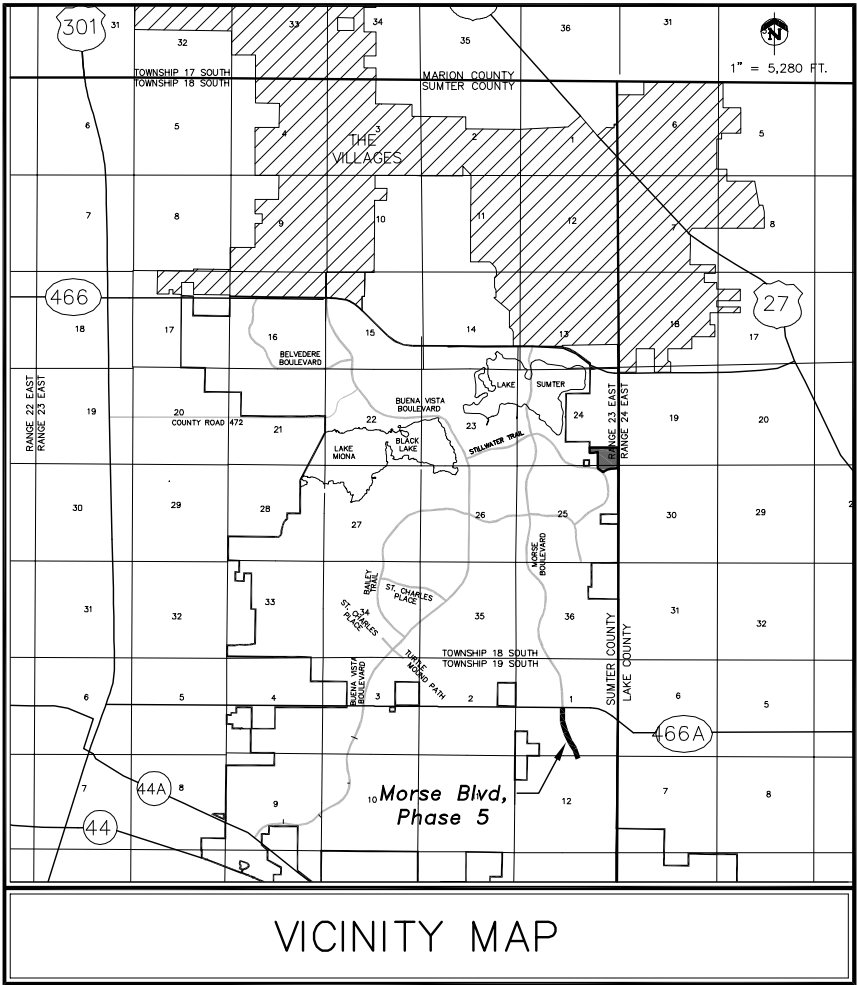
SECTIONS 1 AND 12; TOWNSHIP 19 SOUTH; RANGE 23 EAST
SUMTER COUNTY, FLORIDA

Prepared for: THE VILLAGES
OF LAKE-SUMTER, INC.

THESE PLANS HAVE BEEN PREPARED IN
ACCORDANCE WITH AND ARE GOVERNED BY THE
STATE OF FLORIDA DEPARTMENT OF
TRANSPORTATION, ROADWAY AND TRAFFIC DESIGN
STANDARDS, 2010.

GOVERNING SPECIFICATIONS:
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES,
LATEST EDITION; STATE OF FLORIDA DEPARTMENT OF
TRANSPORTATION STANDARD SPECIFICATIONS FOR
ROAD AND BRIDGE CONSTRUCTION (2010), AND
SUPPLEMENTS THERETO.

ATTENTION IS DIRECTED TO THE FACT THAT
THESE PLANS ARE SCHEMATIC DETAILS OF
REQUIRED SIGN BLANK SIZES, LETTER SIZES, AND
SPACING OF LETTER REQUIREMENTS. THEREFORE,
NO ATTEMPT SHOULD BE MADE TO SCALE ANY OF
THE DRAWINGS TO OBTAIN SPECIFIC INFORMATION.



INDEX OF SHEETS


S-1	COVER
S-2	GENERAL NOTES AND TABULATION OF QUANTITIES
S-3	SIGNING AND MARKING
S-4	GUIDE SIGN DETAILS
S-5	DECORATIVE SIGN DETAILS

NOTE:
THE STANDARD DETAILS FOR THIS PROJECT SHALL BE
FOUND IN "THE VILLAGES CONSTRUCTION DETAILS,
AUGUST 20, 2007" PREPARED BY GRANT & DZURO OR
AS AMENDED BY THESE PLANS.

OWNER/DEVELOPER:
THE VILLAGES OF LAKE-SUMTER, INC.
1100 MAIN STREET
THE VILLAGES, FL 32159
(352) 753-6260

ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
1321 SE 25th LOOP, SUITE 101
OCALA, FLORIDA 34471
PHONE (352) 671-9451
FAX (352) 671-9439

SURVEYOR:
FARNER BARLEY AND ASSOCIATES, INC.
4450 NE 83rd ROAD
WILDWOOD, FL 34785
PHONE (352) 753-3114
FAX (352) 753-9441

**Kimley-Horn
and Associates, Inc.**
© 2010 KIMLEY-HORN AND ASSOCIATES, INC.
1321 SE 25th Loop, Suite 101 Ocala, Florida 34471
Phone (352) 671-9451 Fax (352) 671-9439
CA No. 00000696

ENGINEER:
Jonathan D. Thigpen, P.E. #57611
DATE:

GENERAL NOTES

1. ALL SIGNING AND MARKING SHALL CONFORM TO THE FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, DATED 2010, INDEXES 17346 AND 17355 AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
2. ALL DIRECTIONAL ARROWS AND LETTERS FOR PAVEMENT MESSAGES SHALL BE APPLIED AS ONE SEGMENT PER STANDARD INDEXES 17344, 17346, AND 17882.
3. SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH LIGHTING UTILITIES, DRIVEWAYS, CURB CUT RAMPS, ETC. SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH STANDARD INDEX NO. 17302. WARNING SIGN LOCATION CHANGES MUST BE APPROVED BY THE ENGINEER OF RECORD. ALL POST ASSEMBLY STATION CALL OUTS ARE APPROXIMATE LOCATIONS AND CAN BE ADJUSTED IN THE FIELD BY THE CONTRACTOR.
4. UNLESS OTHERWISE SPECIFIED, ALL SINGLE COLUMN SIGNS SHALL BE INSTALLED AT A HEIGHT OF 7 FEET IN ACCORDANCE WITH THE FDOT INDEX NO. 17302 AND INDEX NO. 11865.
5. THE CONTRACTOR SHALL USE CAUTION WHEN WORKING IN OR AROUND AREAS OF EXISTING LOOP AND LEAD-IN WIRES, OVERHEAD TRANSMISSION LINES, AND UNDERGROUND UTILITIES.
6. OUTSIDE CORNERS OF SIGN FACE SHALL BE CUT CONCENTRIC WITH BORDER. WHITE BORDERS SHALL BE AT THE EDGE OF SIGN PANEL. BLACK BORDERS SHALL BE RECESSED FROM THE EDGE OF THE SIGN PANEL.
7. SHOP DRAWINGS FOR SPECIAL DESIGN OF GROUND SIGN STRUCTURE AND LARGE GUIDE SIGNS, MESSAGES, LETTERING, AND QUANTITIES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO ORDERING OR FABRICATION.
8. ALL PAVEMENT MARKINGS ON STREETS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED IN THE PLANS. ALL FINAL STRIPING SHALL BE THERMOPLASTIC.
9. EXCEPT FOR ROADWAY END OBJECT MARKERS (OM4-1), ALL SIGNS ARE TO BE MOUNTED ON A DECORATIVE POST AS SHOWN IN THE VILLAGES CONSTRUCTION AND DEVELOPMENT MANUAL DATED AUGUST 20, 2007


- ROUNDAABOUT DIMENSIONING FOR GUIDE SIGNS SHOULD MATCH EXISTING SIGNS IN THE VILLAGES.FOR SIGN DETAILS, USE THE STANDARD HIGHWAY SIGNS BOOK, AS PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION AND U.S. DEPARTMENT OF TRANSPORTATION, AND AS SPECIFIED BY THE MUTCD.
10. THE APPROPRIATE UTILITY COMPANY SHALL BE NOTIFIED BY THE CONTRACTOR 48 HOURS IN ADVANCE OF ANY EXCAVATION NEAR OR AROUND ITS UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT.
11. PRIOR TO ANY EQUIPMENT ORDER, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATIONS OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT.
12. AT LOCATIONS WHERE FIELD UNDERGROUND UTILITIES ARE WITHIN 5 FEET OF THE PROPOSED SIGN'S FOUNDATION, THE CONTRACTOR SHALL HAND DIG THE FIRST 5 FEET.
13. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO FIELD ADJUST THE LOCATION OF ANY SIGN TO INSURE PROPER VISIBILITY.
14. ALL MAINTENANCE OF TRAFFIC SHALL FOLLOW THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEX 600 AND THE MUTCD, PART 6 AS A MINIMUM.
15. PAY ITEM NO. 700-48-18 INCLUDES FURNISHING AND INSTALLING ALL MOUNTING HARDWARE NECESSARY TO ATTACH SIGN PANEL TO STREET LIGHT POST.
16. THE CONTRACTOR SHALL TEMPORARILY COVER THE NAMES OF MOVEMENTS THAT ARE NOT YET AVAILABLE ON GUIDE SIGN PANELS. THE UNAVAILABLE MOVEMENT SHALL BE COVERED WITH A PANEL OF SIMILAR GREEN COLOR AS THE BACKGROUND OF THE GUIDE SIGN. THE PANEL SHALL BE CAPABLE OF BEING REMOVED WHEN THE ROAD IS OPEN IN THE FUTURE LEAVING A SIGN THAT DOES NOT APPEAR TO HAVE EVER BEEN TEMPORARILY COVERED.
17. REFLECTIVE PAVEMENT MARKERS (RPM'S) SHALL BE PLACED AS PER INDEX # 17352.

TABULATION OF QUANTITIES					
PAY ITEM NO.	THE VILLAGES ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBER	GRAND TOTAL
				S-3	PLAN FINAL
700-20-11		SIGN SINGLE POST (LESS THAN 12 S.F.), ON DECORATIVE POST	AS		13
	1	R1-2 (30"X30"X30")		2	2
	3	R2-1 (24"X30")		3	3
	6	R1-1 (24"X24")		2	2
	22	R6-1R (36"X12")		4	4
	17	W2-6 (30"X30"), W/ R2-1 (24"X30")		2	2
		TEMPORARY CONCRETE BARRIER PER FDOT INDEX 415 WITH OM4-1 (18"X18")	EA	7	7
700-21-11	18	SIGN MULTI-POST (LESS THAN 50 SF), ON DECORATIVE POST	AS	2	2
700-48-18		SIGN FURNISH AND INSTALL 15 SF OR LESS	EA		5
		R1-2 (30"X30"X30") WITH COLLAR		2	2
		D-3 WITH COLLAR		3	3
705-10-2		OBJECT MARKER, TYPE 2 (YELLOW)	EA	2	2
706-3		PAVEMENT MARKER, RETRO-REFLECTIVE,	EA		152
		WHITE/RED	EA	144	144
		YELLOW/YELLOW	EA	16	16
711-11-111		SOLID TRAFFIC STRIPE, THERMOPLASTIC 6" WHITE	NM	1.250	1.250
711-11-131		SKIP TRAFFIC STRIPE, THERMOPLASTIC 6" WHITE (10'-30')	GM	0.749	0.749
711-11-133		SKIP TRAFFIC STRIPE, THERMOPLASTIC 12" WHITE (2'-4')	LF	170	170
711-11-141		SKIP TRAFFIC STRIPE, THERMOPLASTIC 6" WHITE (2'-4')	LF	238	238
711-11-170		DIRECTIONAL ARROWS, THERMOPLASTIC, WHITE	EA	20	20
711-11-211		SOLID TRAFFIC STRIPE, THERMOPLASTIC 6" YELLOW	NM	0.952	0.952
711-11-222		SOLID TRAFFIC STRIPE, THERMOPLASTIC 8" YELLOW	LF	128	128
711-11-224		SOLID TRAFFIC STRIPE, THERMOPLASTIC 18" YELLOW	LF	113	113

BY


REVISIONS

DATE



Kinley-Horn and Associates, Inc.

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1321 SF 25th Loop, Suite 101 Ocala, Florida 34471
Phone (352) 671-9451 Fax (352) 671-9439
CA No. 00000696



VILLAGES OF LAKE-SUMTER
MORSE BLVD, PHASE 5

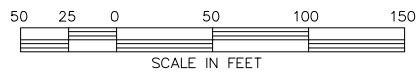
GENERAL NOTES AND
TABULATION OF QUANTITIES

DATE MAR 2010
DRAWN BY PSIII
CHKD BY TPG

ENGINEER: Jonathan D. Thigpen, P.E. #57611
DATE: _____

SHT. S-2 OF 5

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VILLAGES OF LAKE-SUMTER
MORSE BLVD, PHASE 5

ENGINEER: _____
Jonathan D. Thiapen, P.E. #57611

SHT. S-3 OF 5[illegible]

SIGN NUMBER	21
QUANTITY	2
WIDTH	6'-0"
HEIGHT	3'-0"
BORDER WIDTH	0"
BORDER RADII	0"
BACKGROUND COLOR	Green
LEGEND & BORDER COLOR	White/Green
STATION(S)	Location Approximate 236+75, 47' R 243+12, 47' L

Diagram illustrating the sign layout and dimensions:

- Overall Sign Dimensions: 6'-0" (Width) x 3'-0" (Height)
- Sign Face Dimensions: 63.6" (Width) x 10.7" (Height)
- Text and Symbol Placement:
 - MORSE BLVD (Top Center)
 - PINELLAS PLACE (Left and Right Sides)
 - Roundabout Symbol (Center)
- Margins and Spacing:
 - Top Margin: 4.5"
 - Side Margins: 4.2" (Left and Right)
 - Bottom Margin: 10.7"
 - Text Area Margins: 4" (Top, Bottom, Left, Right)
 - Text Area Dimensions: 6.6" (Height) x 2.2" (Width)

[illegible]

SIGN NUMBER	
QUANTITY	
WIDTH	
HEIGHT	
BORDER WIDTH	
BORDER RADII	
BACKGROUND COLOR	
LEGEND & BORDER COLOR	
STATION(S)	

[illegible][illegible]

SIGN NUMBER	
QUANTITY	
WIDTH	
HEIGHT	
BORDER WIDTH	
BORDER RADII	
BACKGROUND COLOR	
LEGEND & BORDER COLOR	
STATION(S)	

[illegible]

SIGN NUMBER	
QUANTITY	
WIDTH	
HEIGHT	
BORDER WIDTH	
BORDER RADII	
BACKGROUND COLOR	
LEGEND & BORDER COLOR	
STATION(S)	


[illegible]

GUIDE SIGN WORK SHEET

--	--

[illegible]

**Kimley-Horn
and Associates, Inc.**

 2010 KIMLEY-HORN AND ASSOCIATES, INC.
1321 SE 25th Loop, Suite 101
Ocala, Florida 34471
Phone (352) 671-9451 Fax (352) 671-9459
CA No. 00006896

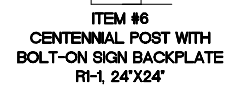
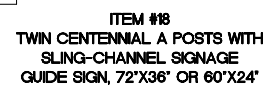
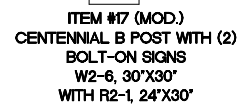
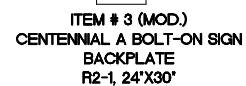
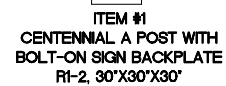
VILLAGES OF LAKE-SUMMIT
MORSE BLVD, PHASE 5

The Villages®

GUIDE SIGN DETAILS

DATE MAR 2010
DRAWN BY PSIII
CHKD BY TPG

ENGINEER: _____
Jonathan D. Thigpen, P.E. #57611
DATE: _____



POST IS ONE PIECE ALUMINUM CONSTRUCTION WITH A 4" DIA. SHAFT, WITH A CAST ALUMINUM FINIAL, AND A TAPERED AND FLUTED CAST ALUMINUM BASE AND A 3" TALL x 3" DIA. TENON FOR MOUNTING. A DOOR IS LOCATED IN BASE FOR ANCHORAGE ACCESS.



POST BASE IS FURNISHED
WITH (4) 1/2" DIA. x 18"
HOT-DIP GALVANIZED
L-TYPE ANCHOR BOLTS
WITH 2" MINIMUM PROJECTION
EACH.

NOTES:

POST AND LUMINAIRE SHALL BE FURNISHED "FLAT BLACK".
ALL HARDWARE STAINLESS STEEL. ALL EXTERIOR HARDWARE
TAMPER RESISTANT.

CENTENNIAL A SIGN POST
(TYP.)
N.T.S.

